

WHAT IS CLAIMED IS:

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1. ~~A data processing apparatus comprising:~~  
a main body having a device for data processing mounted therein;  
a cover unit pivotally mounted to the main body for opening and closing in relation to the main body; and  
a detecting mechanism for detecting the opening and closing of the cover unit, wherein the detecting mechanism includes,  
10 a cam mounted coaxially to and rotating together with a pivot shaft that can rotate together with the cover unit, and  
a detecting switch mounted to the main body and directly or indirectly actuated by the  
15 action of the cam as the cover unit opens and closes, thereby detecting the opening and closing of the cover unit.
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2. The data processing apparatus according to claim 1, wherein a lever is provided between the cam and the detecting switch for transmitting a displacement of the cam to the detecting switch.  
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- 35 3. The data processing apparatus according to claim 1, wherein a cover member is provided on the main body for covering the detecting mechanism

as well as internal components of the main body.

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4. The data processing apparatus according to claim 1, wherein the detecting switch functions for energizing and de-energizing a display provided on the cover unit.

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